



1. PROPOSED CONTOURS SHOWN ON THIS DRAWING REPRESENT THE TOP OF THE GENERAL SOIL FILL LAYER (UNLESS INDICATED OTHERWISE). THE TOP OF THE GENERAL SOIL FILL LAYER REPRESENTS THE PROPOSED SUBGRADE FOR INSTALLING THE LOW PERMEABILITY CAP AND LOW PERMEABILITY COVER GEOSYNTHETIC LAYERS. THE GENERAL SOIL FILL LAYER IN LOW PERMEABILITY CAP AND LOW PERMEABILITY COVER AREAS SHALL BE BROUGHT TO GRADE BY CUTTING AND FILLING AS SHOWN. FILL REQUIRED TO OBTAIN THESE ELEVATIONS WILL BE OBTAINED FROM EXCAVATIONS MADE FOR THE SEDIMENT BASIN, RIVERBANK ARMORING, STORM WATER PIPING AND DROP INLETS, DRAINAGE SWALES AND CHANNELS, AND OTHER EXCAVATIONS REQUIRED ON THE SITE. THE CONTRACTOR SHALL COMPLETE EXCAVATIONS INDICATED ON THE DRAWINGS AND EXCAVATED MATERIALS FROM THE SITE SHALL BE PLACED WITHIN THE GENERAL SOIL FILL LAYER WITHIN THE LOW PERMEABILITY CAP AREAS. IF INSUFFICIENT VOLUME EXISTS TO ACCOMMODATE EXCAVATED MATERIALS FROM THE NITRO PROPERTY WITHIN THE LOW PERMEABILITY CAP AREAS, THEN EXCAVATED MATERIALS FROM THE NITRO PROPERTY MAY BE PLACED WITHIN THE GENERAL SOIL FILL LAYER WITHIN THE LOW PERMEABILITY COVER AREA. AFTER EXCAVATION AND FILL ARE COMPLETED IN THE LOW PERMEABILITY CAP AND LOW PERMEABILITY COVER AREAS, THE CONTRACTOR CAN COMPLETE WORK IN THE AREAS TO RECEIVE THE PERMANENT PERMEABLE COVER. IN AREAS REQUIRING EXCAVATION, EXCAVATION SHALL BE COMPLETED PRIOR TO PLACING THE GEOTEXTILE SEPARATION LAYER ON THE PREPARED SUBGRADE. WHERE FILL IS REQUIRED (GENERAL SOIL FILL), THE GEOTEXTILE SEPARATION LAYER SHALL BE PLACED ON THE PREPARED EXISTING GROUND SURFACE PRIOR TO PLACING CLEAN SOIL FROM THE OFF-SITE SOIL BORROW SOURCE.
2. EROSION AND SEDIMENT CONTROL MEASURES INCLUDING SILT FENCE, SUPER SILT FENCE, STABILIZED CONSTRUCTION ENTRANCES, AND SEDIMENT BASINS SHALL BE INSTALLED PRIOR TO

EROSION AND SEDIMENT CONTROL NOTES

1. THIS PLAN SHOWS EROSION AND SEDIMENT CONTROLS AND IS INTENDED TO PRESENT THE MINIMUM REQUIREMENTS FOR IMPLEMENTATION IN ORDER TO CONTROL AND MANAGE STORM WATER RUNOFF FROM THE SOLUTIA NITRO PROPERTY DURING CONSTRUCTION OF THE FINAL CAPS AND COVERS. THIS PLAN REPRESENTS THE MINIMUM BEST MANAGEMENT PRACTICES (BMPs) TO BE IMPLEMENTED AND MAINTAINED. OTHER BMPs SUCH AS THOSE DESCRIBED IN THE WEST VIRGINIA EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE MANUAL (WWW/HNRPSRP.WV.GOV/CWMW/STORMWATER/BMP/INDEX.HTM) MAY BE ADDED TO ENHANCE THIS PLAN TO ACHIEVE THE EFFLUENT BENCHMARKS CONTAINED IN SOLUTIA'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT NUMBER WD016181.
2. EROSION AND SEDIMENT CONTROL BMPs SHALL BE IMPLEMENTED PRIOR TO EARTHWORK (INCLUDING CLEARING AND GRUBBING) OPERATIONS. DISSEMINATION OF WORK AREAS TO CONTROL STORMWATER RUNOFF REQUIREMENTS. THE EROSION AND SEDIMENT CONTROL PLAN SHOWS STABILIZED CONSTRUCTION ENTRANCES, SILT FENCE AROUND THE PERIMETER OF THE SITE (PERIMETER OF PROPOSED WORK AREAS), FLOATING TURBIDITY CURTAIN TO BE USED DURING RIVERBANK STABILIZATION ACTIVITIES, CONSTRUCTION OF SEDIMENT BASINS, ROCK CHECK DAMS FOR

- LEGEND**
- PROPOSED DROP INLET
 - PROPOSED STORM DRAIN LINE (CPP)
 - PROPOSED LIMIT OF PERMANENT PERMEABLE COVER
 - PROPOSED LIMIT OF LOW PERMEABILITY COVER
 - PROPOSED LIMIT OF LOW PERMEABILITY CAP

Revision	
No.	Date

DESIGN
CAD File No.
RSB
Drawn
DMK
Checked
Approved
1"=60'
Scale:
APRIL 2012
Date
01-0081-700C
Project No.

POTESTA & ASSOCIATES, INC.
17015 MOUNTAIN VIEW DRIVE, SUITE 200
ST. LOUIS, MISSOURI 63143
TEL: (314) 342-1400 FAX: (314) 342-9031
E-Mail Address: potesta@potesta.com

POTESTA

SOLUTIA, INC.
ST. LOUIS, MISSOURI

Client
ENT CONTROL PLAN
W MEASURES
ERS CONTRACT